

THERMOZELL

# eco 400

PRODUCT DATA SHEET

Simplest Processing  
100% EPS recycle  
Perfect  
insulating properties  
Robust, resilient &  
resistant



The optimal EPS\*  
high-performance leveling  
bulk for the do-it-yourselfer.  
Ecological and economical.

Ready-to-use lightweight concrete mix with pre-dosed binder and pre-treated EPS recycled granulate.

[www.thermozell.com](http://www.thermozell.com)

## Application 3 in 1



### Level compensation

Installations, beam ceiling, vault, slope, etc



### Foundation

Screeds, tiling, underfloor heating, etc



### Backfill

Wall, ceiling, pool, etc

### Ready for covering

– approx. 10 days (depending on <12 % CM measurement/construction climate)

### Construction height

– at least 3 cm

### Yield

– 1 bag yields approx. 80 liters of readymixed lightweight concrete

### Processing time and temperature

– at least 25 minutes at 20° C  
– not under 5° C

### Suitable mixing equipment

– hand mixer, screed pump, compulsory mixer, free-fall mixer

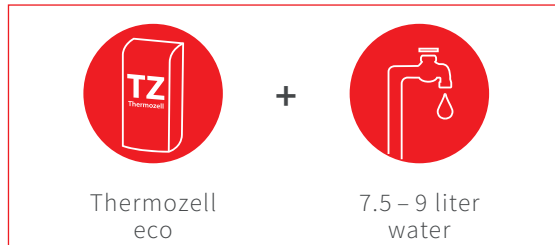
Ready Mix

Type 400

Ready Mix

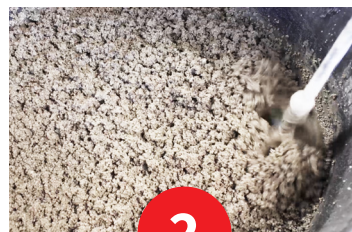
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## Processing



1

Add water according to mixing recipe



2

Mix the mixture thoroughly



3

Apply, spread, peel off - done!

## Technical data

Design value of thermal conductivity	0,120 W/mK
Bulk density of dry mixture	275 kg/m <sup>3</sup> ± 5 %
Bulk density of the fresh concrete mortar	395 – 445 kg/m <sup>3</sup>
Dry bulk density of the bound EPS	350 kg/m <sup>3</sup> ± 10 %
Compressive strength	500 kPa
Water vapor diffusion resistance	μ = 7
Fire behavior	A2
Binder content per m <sup>3</sup>	250 kg

## Storage

- The bag must be stored in a dry place
- Maximum storage time: 6 months

## Packaging units

- 1 bag = 80 liters
- 1 pallet = 15 bags (1.2 m<sup>3</sup>)

## Other instructions

- Mix only whole bags.
- No compaction necessary
- During planning and installation, the standards and guidelines of the respective country must be observed

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